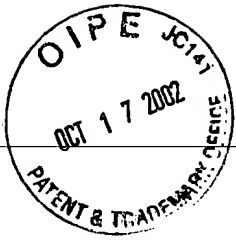


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PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : James B. Dale
Application No. : 09/151,409
Filed : September 10, 1998
For : *GROUP A STREPTOCOCCAL VACCINES*

Examiner : S. Devi, Ph.D.
Art Unit : 1645
Docket No. : 481112.410
Date : October 17, 2002

Box Non-Fee Amendment
Commissioner for Patents
Washington, DC 20231

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REPLY AND AMENDMENT PURSUANT TO 37 C.F.R. §§1.111 AND 1.121

Commissioner for Patents:

Please amend the application as follows:

In the Specification:

Please replace the paragraph beginning at page 3, line 17, with the following rewritten paragraph:

Sub 2
-- Figure 2 is a SDS-polyacrylamide gel electrophoresis of the purified hexavalent protein stained with CoomassieTM blue. Computer-assisted image analysis of the stained protein bands indicated that the hexavalent protein (M.W. 45 kDa) accounted for 86% to 89% of the total protein in the sample. --